

In the Specification:

Please replace the paragraph starting at line 23, page 4 with the following replacement paragraph:

B1
Recently, systems have been developed to make browsing the Web more feasible for handheld devices. One such system, referred to as "Satchel", was disclosed by employees of Xerox Research Center Europe. See, Mike Flynn, et al., "The Satchel System Architecture: Mobile Access to Documents and Services", *Mobile Networks & Applications*, Vol. 5, pp. 243-258 (Date). The Satchel Browser provides the ability to browse categories for documents and also provides the ability to invoke services, such as printing, or faxing, once the document has been retrieved.

14 6 p. 14
Please replace the paragraph starting at line ~~22~~, page ~~4~~, with the following replacement paragraph:

B2
Further, the documents provided for selection in the Satchel system are predefined by a user and stored in a category structure in a system repository. In creating a selection list of links for documents, this predefined category structure within the Satchel repository is used. It is a disadvantage of the system that the user is required to pre-define a category structure and select from this structure instead of navigating the hyperlink structure already contained in the hypertext content. Moreover, if the user wishes to find document B that is linked within document A, then the user must read through document A's content on a small display until the link comes into view. In this way, the Web page content itself provides a hindrance for the user in making a quick link selection on a mobile display.

Please replace the paragraph starting at line 1, page 8, with the following replacement paragraph:

B3
In accordance with the present invention a method for m-commerce is provided which

B3 separates hyper-links from content of a Web page. The separated hyper-links are then used to provide a category of items for selection on a mobile device display. The list of links provides for more accessible selecting on a mobile device display than a linear stream of the lines of an entire Web page. The links displayed on the mobile device are further organized to distinguish offsite links which are less likely desired for viewing. Further, duplicate links are removed to limit the number of items for display. Although some links are identified by images in a Web page, steps are taken, such as using the ALT code or the URL name, to provide a label for displaying on the mobile device display.

Please replace the paragraph starting at line 15, page 8, with the following replacement paragraph:

B4 In addition to the hyper-links in the Web page, in accordance with the present invention, data detection is provided to parse through the Web page and create new links to further improve accessibility for mobile users. Since the mobile device used typically provides telephone access, new links are provided for telephone numbers identified within the Web page. The telephone number links are provided to the mobile device display along with the hyper-links from the Web page, and the telephone number links may be accessed to dial the listed number. Further, since mobile-device users may desire map locations for an address, new links to addresses within the Web page are provided to the display. The addresses may be accessed along with a map for locating the address for the users convenience. Further, since email capability is typically provided on a mobile device, new links to email addresses within the Web page are identified and provided to the display along with hyper-links from the Web page.

[Please replace the paragraph starting at line 26, page 12, with the following replacement paragraph:]

B5 Fig. 6B shows the mobile phone display when the “publications” category has been navigated to, as in Fig. 6A, and the “select” key depressed. As in Fig. 6A, in Fig. 6B a number of links are provided to publications which are offsite from the FXPAL Web page, and these links are stored in ~~an~~ a category labeled “Offsite”, similar to offsite links from the display list in Fig. 6A. Further, a link labeled “Navigation” is provided in the display in Fig. 6B to enable a user to return to the previous list of links in Fig. 6A. Fig. 6B further illustrates that the user has navigated to the publication document identified by the link labeled “Hypertext interact...” Additional links to other publications, such as the link labeled “An interactive...” and “Anchored convers...” are further provided.

[Please replace the paragraph starting at line 5, page 16, with the following replacement paragraph:]

B6 More than one hyper-link is typically provided in a Web page or Web site for more important links. Because it is undesirable to provide more than one of the same link to a limited mobile device display, the m-link program in one embodiment is configured to search through the URLs of the link list and eliminate multiple occurrences of the same URL.

[Please replace the paragraph starting at line 10, page 17, with the following replacement paragraph:]

B7 A second link shown created in Fig. 6A is the address for FXPAL which is the link identified by the label “FX Palo Alto Labor...”. In addition to the telephone number, a mobile device user will likely find addresses in the Web page desirable so that a map to the address can be displayed for the address location where the user may wish to travel. Thus, in one embodiment, m-link parses through

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the content of the Web page to identify addresses. Links are provided for the identified addresses and listed after telephone numbers on the mobile device display, as illustrated by the link labeled "FX Palo Alto Labor..." in Fig. 6A. Once this link is selected, the FXPAL address is displayed. Services may then be selected for the address, including providing a map locating the address.

[Please replace the paragraph starting at line 22, page 19, with the following replacement paragraph:]

B8
The services which are link dependent can be one of the standard services from a default list, such as printing, faxing or the other services shown as shown in Fig. 6. But, the link services listing can be modified to make it dynamic by including additional special links.

[Please replace the paragraph starting at line 17, page 20, with the following replacement paragraph:]

B9
In addition to the service list being dependent on the link owner, or format type, the services can be made dependent on the link content language, age or size. For example, a "Translate to English" service might be provided for links to files in French.. A table of contents creation service might be provided for larger size documents.
